

FIG. 1

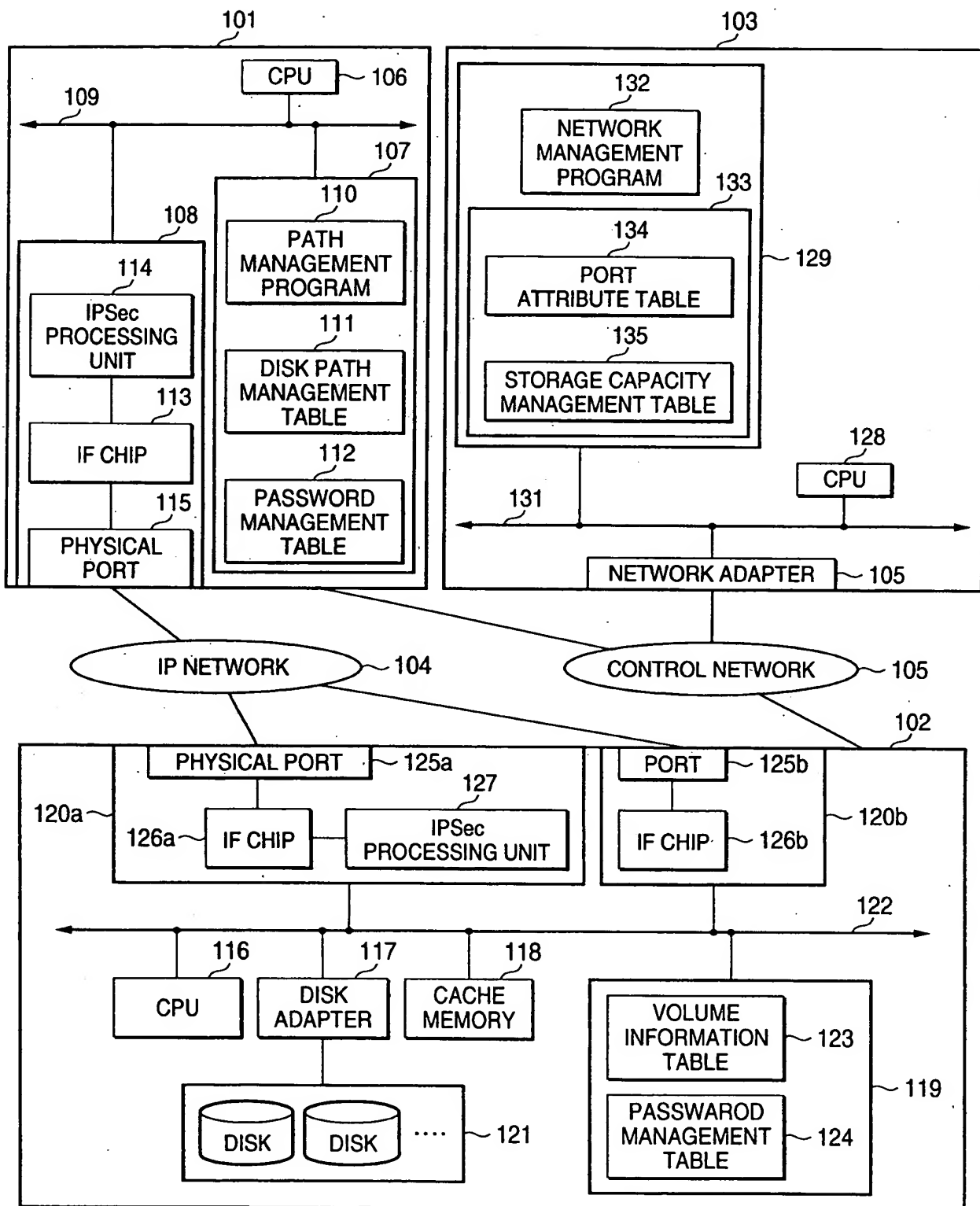


FIG. 2

201 NODE IDENTIFIER	202 OBJECT IDENTIFIER	203 IP ADDRESS	204 NODE TYPE	205 PROVIDED WITH IPsec?	206 AUTHENTICATION IDENTIFIER	207 PASSWORD
Host1	iqn.2003-01.com.example: host1	10.10.10.101	HOST	YES	10.10.10.101	aaaaaa
Host2	iqn.2003-02.com.example: host2	10.10.10.102	HOST	NO	.	.
Host3	iqn.2003-03.com.example: host3	10.10.10.103	HOST	YES	10.10.10.103	cccccc
Storage1	iqn.2003-03.com.example: storage1	10.10.10.201	STORAGE	YES	10.10.10.201	dddddd
	iqn.2003-04.com.example: storage1	10.10.10.202	STORAGE	NO	.	.
Storage2	iqn.2003-05.com.example: storage2	10.10.10.203	STORAGE	YES	10.10.10.203	fffff
	-	10.10.10.204	STORAGE	NO	.	.
Storage3	iqn.2003-06.com.example: storage3	10.10.10.205	STORAGE	YES	10.10.10.205	hhhhh

*FIG. 3*

301 NODE IDENTIFIER	302 UNUSED CAPACITY	303 USED CAPACITY
STORAGE 1	10TB	5TB
STORAGE 2	20TB	12TB
STORAGE 3	8TB	2TB

FIG. 4

401 DEVICE NAME	402 OBJECT IDENTIFIER	403 LUN	404 IP ADDRESS	405 TCP PORT NUMBER
/dev/sda	iqn.2003-03.com.example: storage1	0	10.10.10.201	3260
/dev/sdb		1		
/dev/sdc	iqn.2003-05.com.example: storage2	0	10.10.10.203	3261
/dev/sdd		1		

FIG. 5

501 PHYSICAL VOLUME NUMBER	502 LUN	503 CAPACITY	504 IP ADDRESS OF ASSIGNED PHYSICAL PORT	505 TCP PORT NUMBER	506 OBJECT IDENTIFIER OF ASSIGNED PHYSICAL PORT	508 PROVIDED WITH IPsec?
VOL. 0	0	200GB	10.10.10.201	3260	iqn.2003-01.com.example:storage1	YES
VOL. 1	1	400GB				
VOL. 2	2	350GB	10.10.10.202	3261	iqn.2003-04.com.example:storage1	NO
VOL. 3	3	600GB				

**FIG. 6**

AUTHENTICATION IDENTIFIER	PASSWORD
10.10.10.201	dddddd
10.10.10.202	eeeeee

FIG. 7

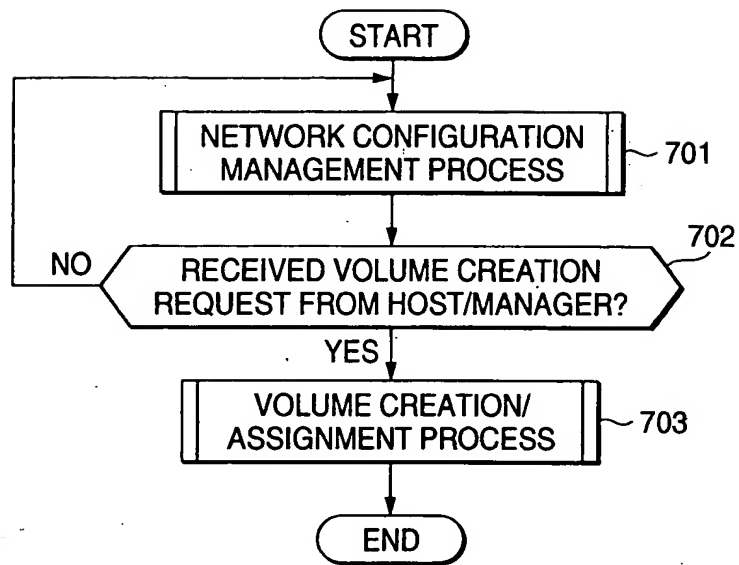


FIG. 8

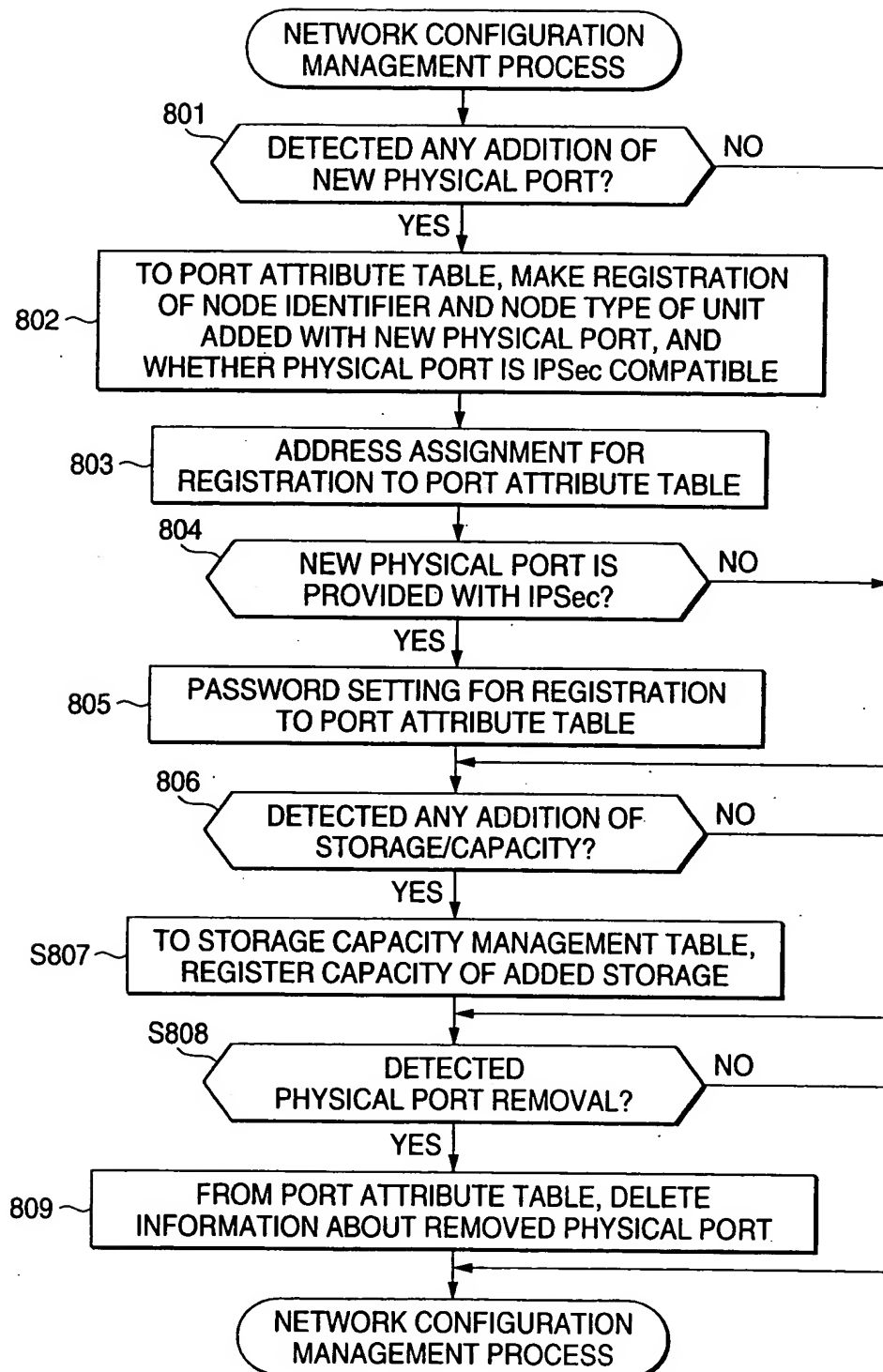




FIG. 9

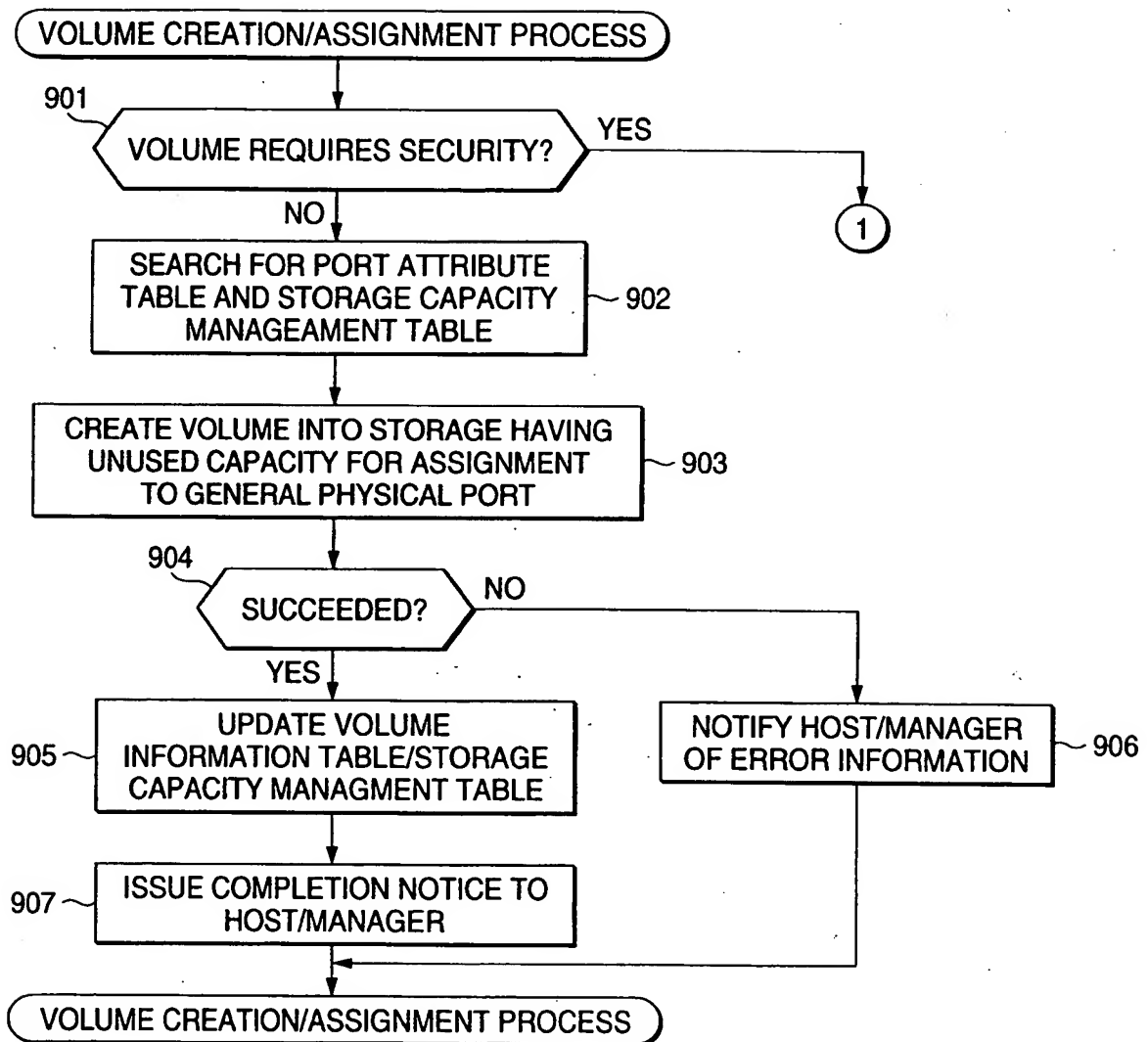
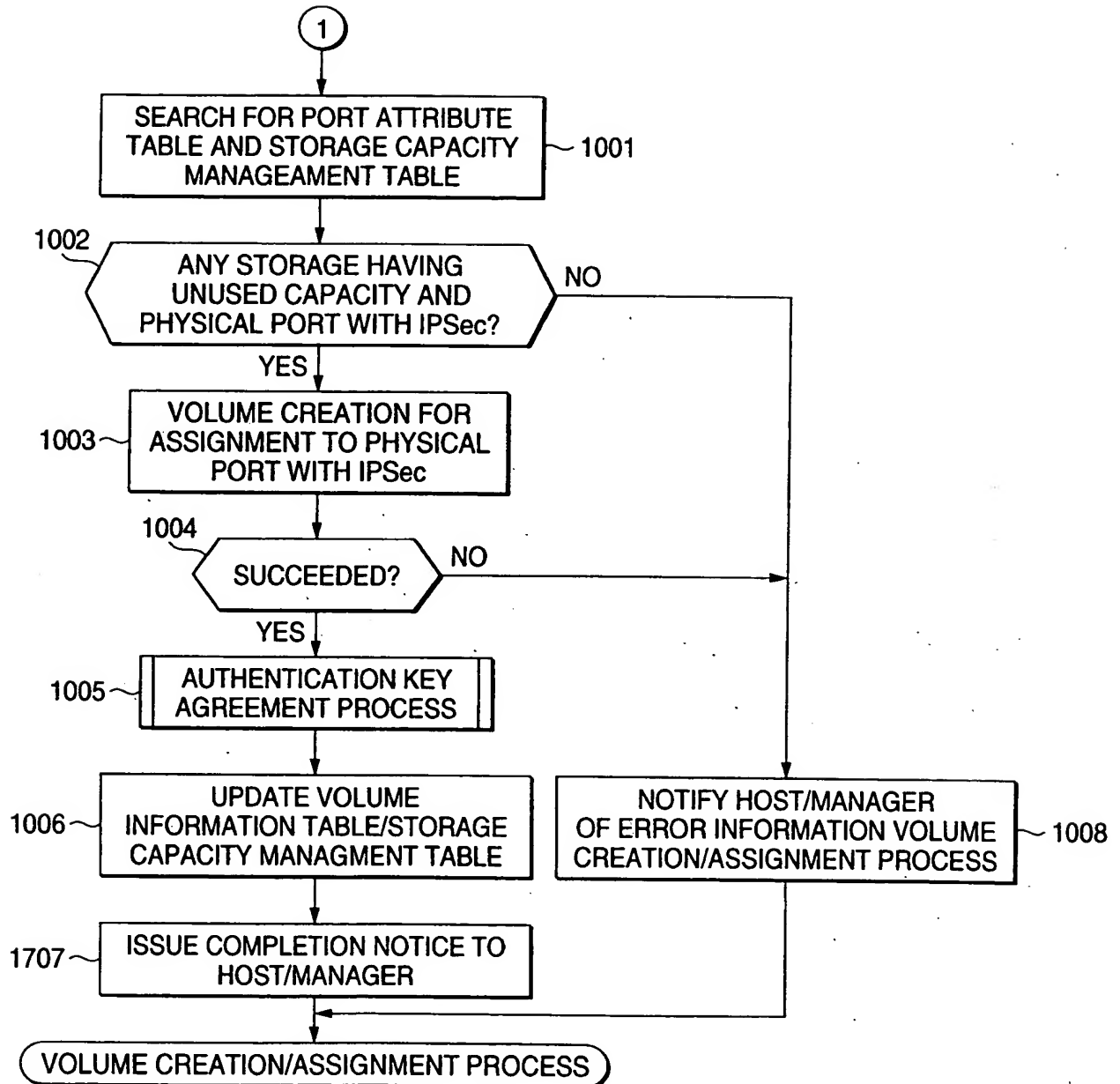


FIG. 10



*FIG. 11*

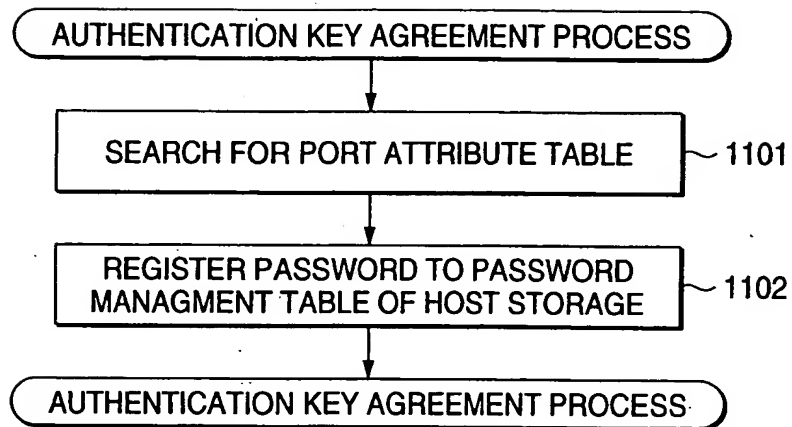


FIG. 12

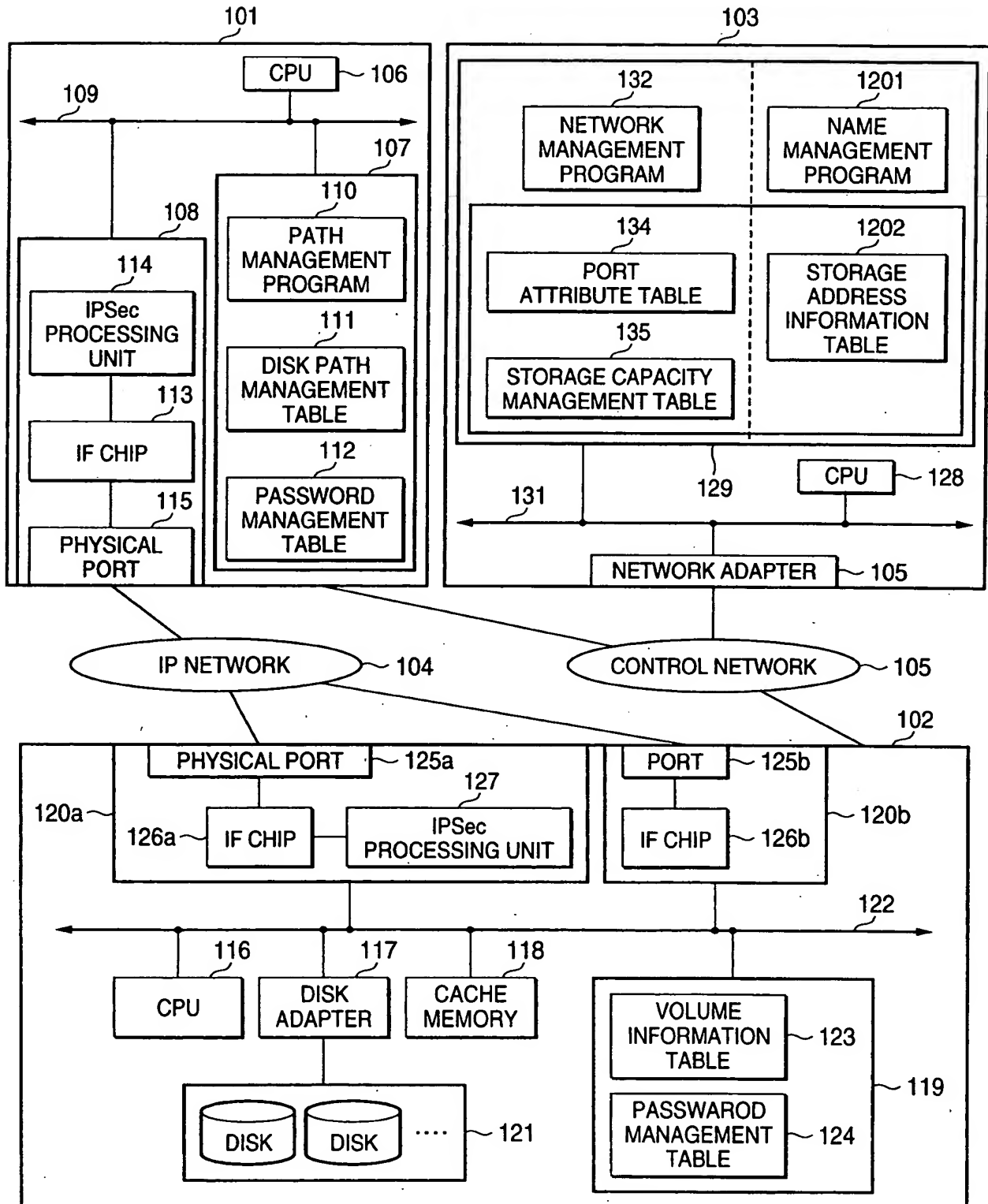


FIG. 13

1301 OBJECT IDENTIFIER	1302 IP ADDRESS	1303 TCP PORT NUMBER	1304 OBJECT IDENTIFIER OF ACCESSIBLE HOST
iqn.2003-03.com.example: storage1	10.10.10.201	3260	iqn.2003-01.com.example: host1
iqn.2003-04.com.example: storage1	10.10.10.202	3261	iqn.2003-02.com.example: host2
iqn.2003-05.com.example: storage2	10.10.10.203	3261	iqn.2003-01.com.example: host1
iqn.2003-06.com.example: storage3	10.10.10.204	3260	iqn.2003-02.com.example: host2

FIG. 14

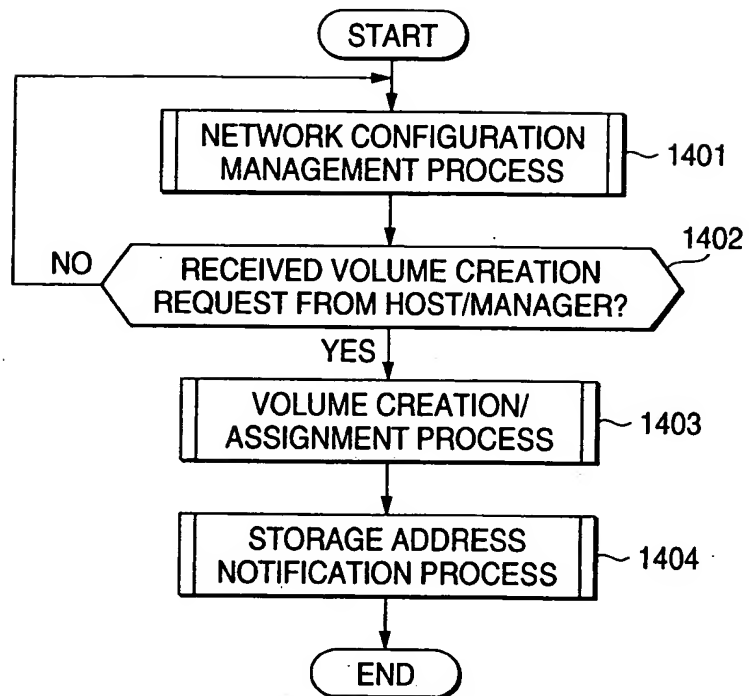


FIG. 15

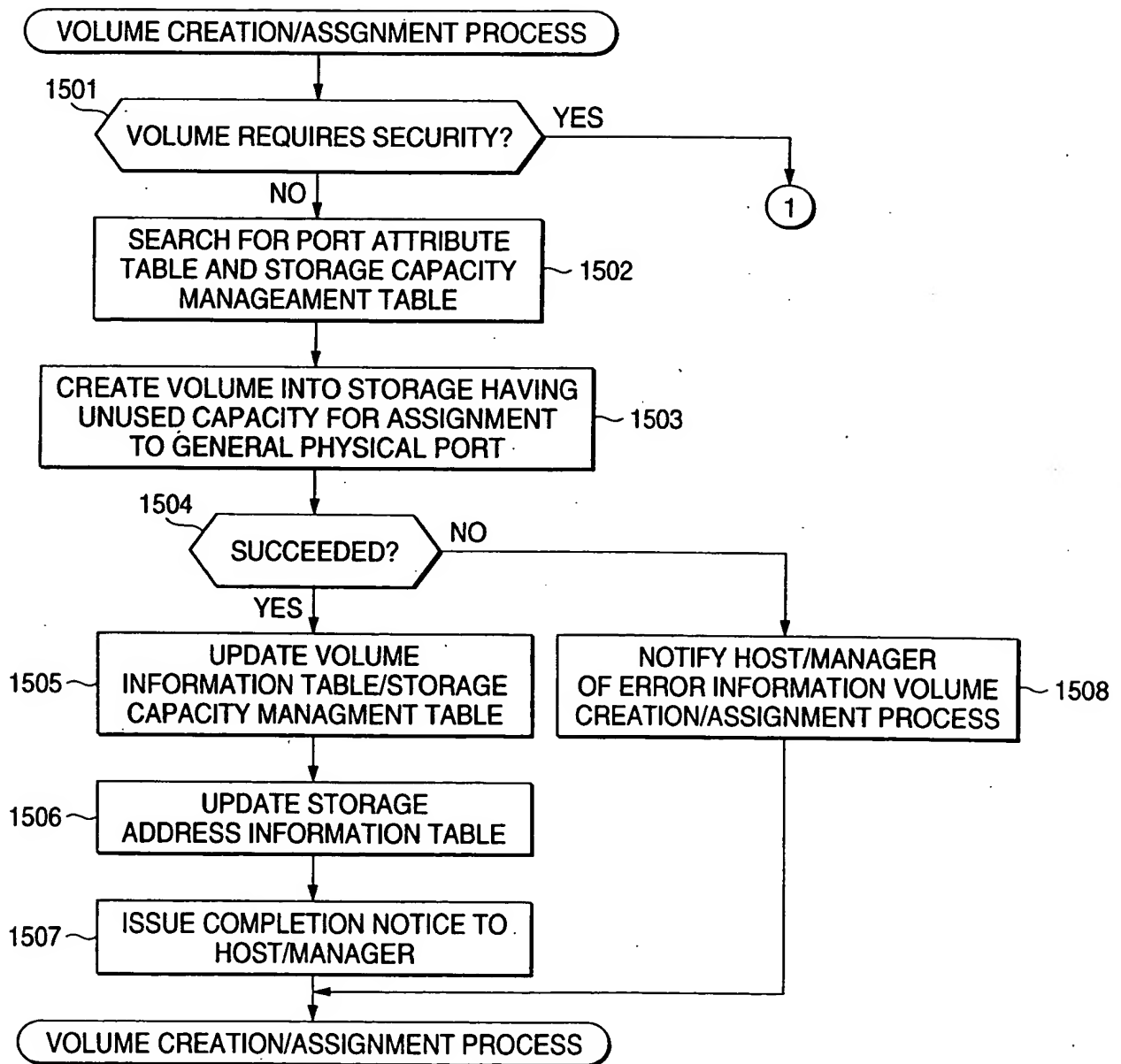


FIG. 16

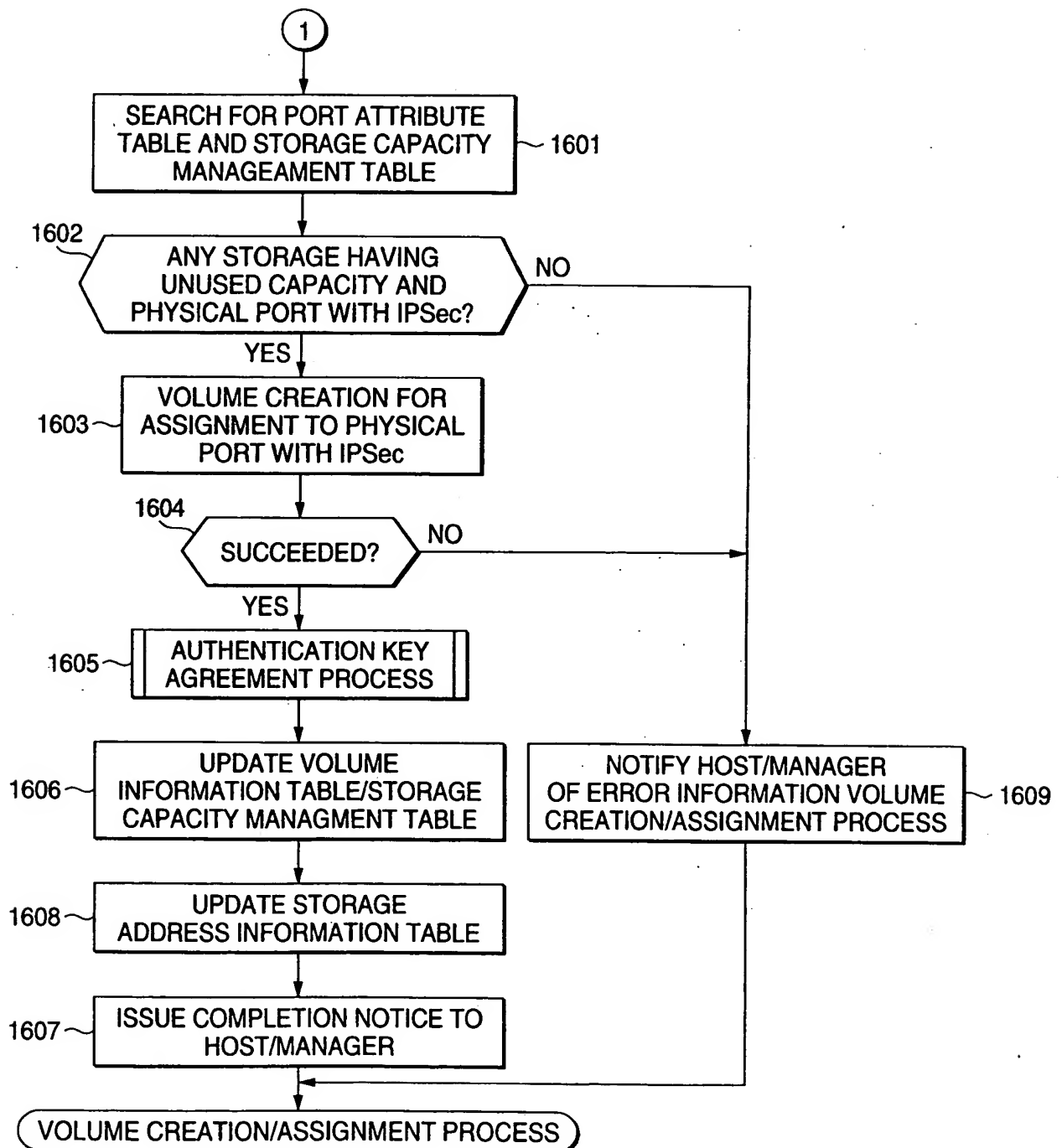




FIG. 17

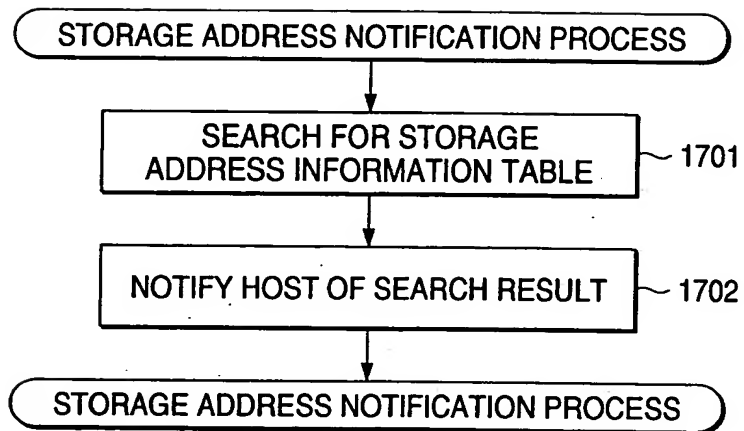


FIG. 18

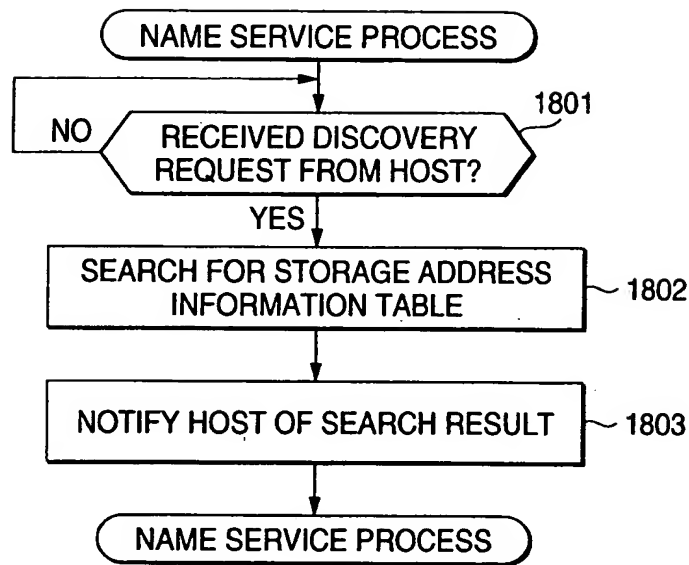


FIG. 19

1901 PHYSICAL VOLUME NUMBER	1902 LUN	1903 CAPACITY	1904 IP ADDRESS OF ASSIGNED PHYSICAL PORT	1905 TCP PORT NUMBER	1906 OBJECT IDENTIFIER OF ASSIGNED PHYSICAL PORT	1907 PROVIDED WITH IPsec?
VOL. 0	0	200GB	10.10.10.201	3260	iqn.2003-01.com.example: storage1	YES
			10.10.10.202	3260		NO
VOL. 1	1	350GB	10.10.10.201	3260		YES
			10.10.10.202	3260		NO
VOL. 2	2	600GB	10.10.10.203	3261	iqn.2003-02.com.example: storage1	NO
			10.10.10.204	3260		YES
VOL. 3	3	400GB	10.10.10.203	3261		NO
			10.10.10.204	3260		YES

FIG. 20

2001	2002	2003	2004	2005
OBJECT IDENTIFIER OF ASSIGNED PHYSICAL PORT	IP ADDRESS OF ASSIGNED PHYSICAL PORT	TCP PORT NUMBER	PROVIDED WITH IPsec?	OBJECT IDENTIFIER OF ACCESSIBLE HOST
iqn.2003-01.com.example: storage1	10.10.10.201	3260	NO	iqn.2003-01.com.example: host1
	10.10.10.202	3260	YES	iqn.2003-02.com.example: host2
iqn.2003-02.com.example: storage1	10.10.10.203	3261	NO	iqn.2003-01.com.example: host1
	10.10.10.204	3260	YES	iqn.2003-02.com.example: host2
iqn.2003-03.com.example: storage2	10.10.10.205	3261	YES	iqn.2003-01.com.example: host1

FIG. 21

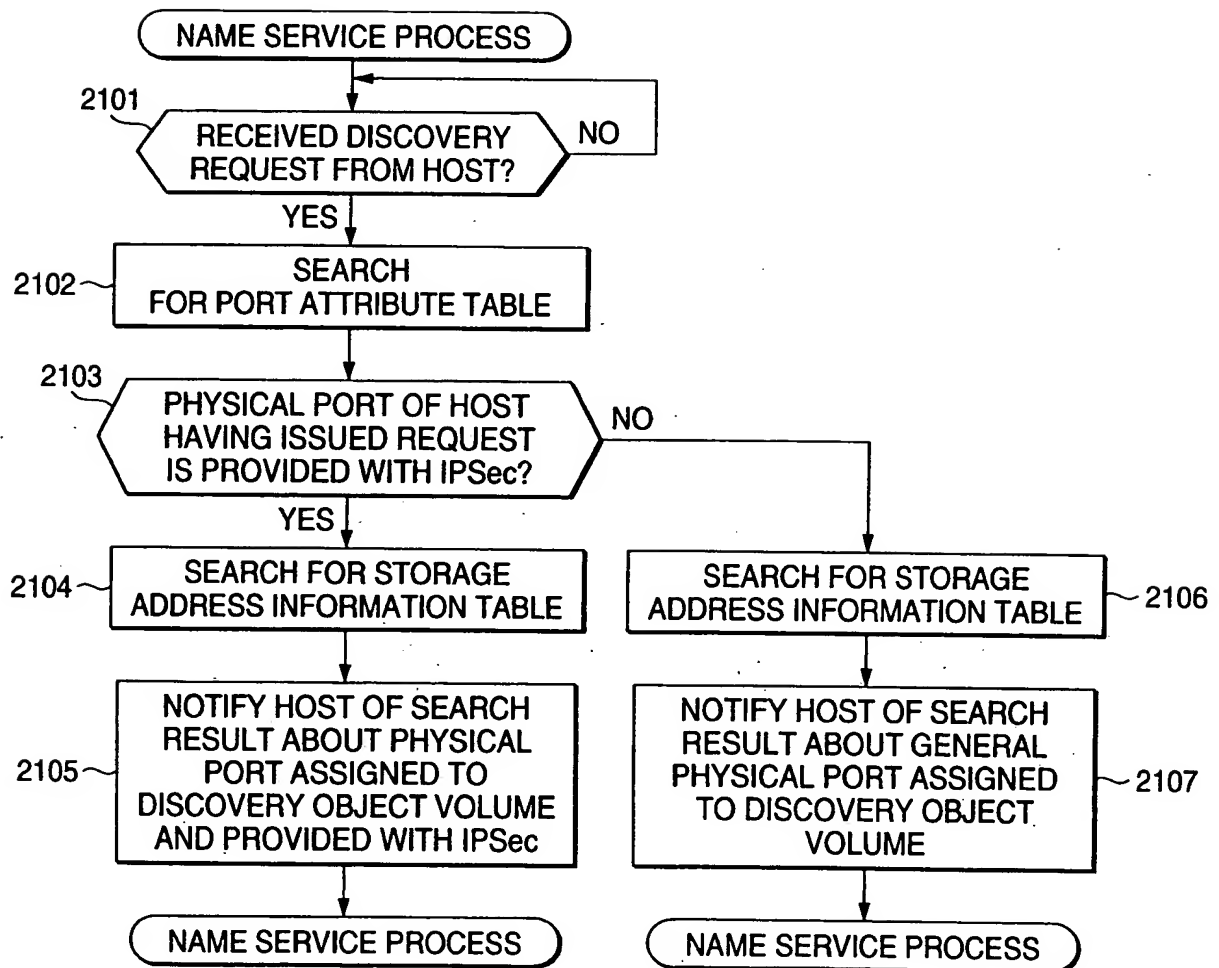


FIG. 22

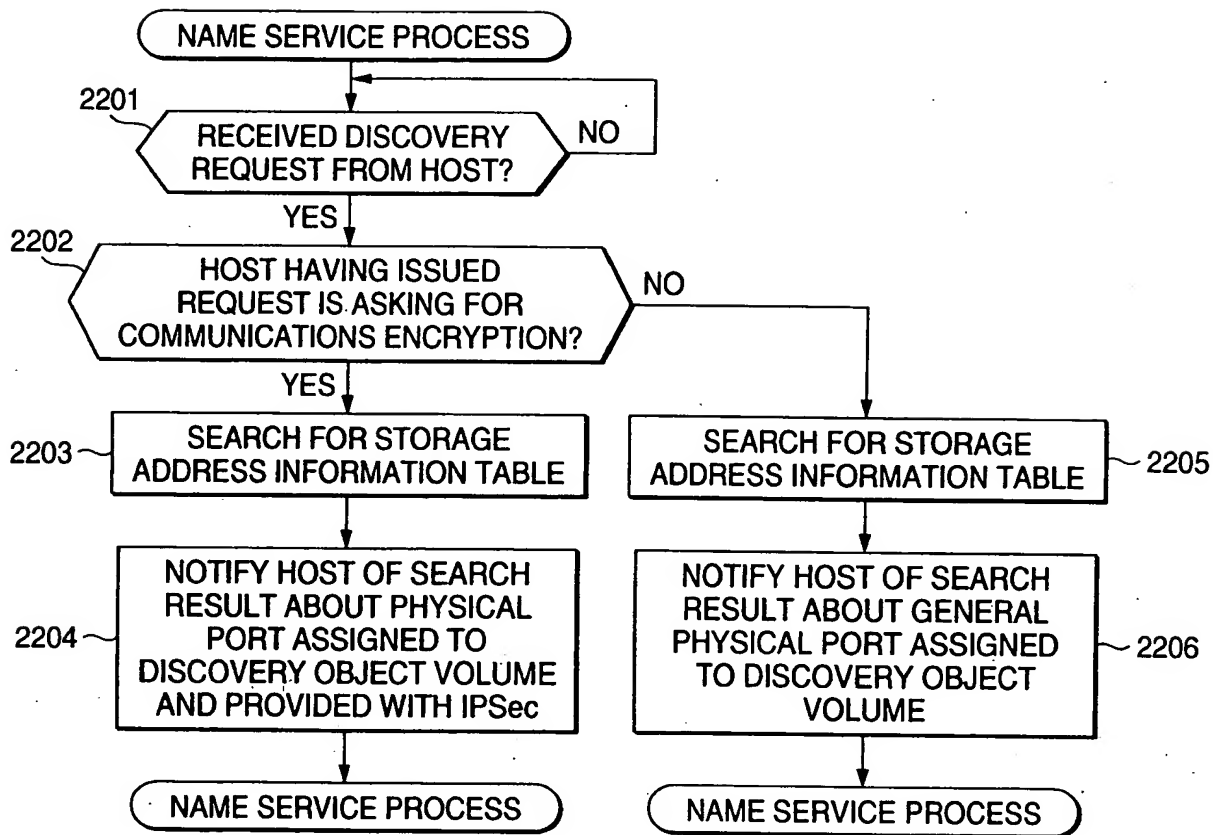


FIG. 23

2301 DEVICE NAME	2302 OBJECT IDENTIFIER	2303 LUN	2304 IP ADDRESS	2305 TCP PORT NUMBER	2306 PROVIDED WITH IPsec?
/dev/sda	iqn.2003-01.com.example:storage1	0	10.10.10.201	3260	NO
			10.10.10.202	3260	YES
/dev/sdb	iqn.2003-02.com.example:storage1	2	10.10.10.203	3261	NO
			10.10.10.204	3260	YES
/dev/sdc	iqn.2003-03.com.example:storage2	1	10.10.10.205	3261	YES

FIG. 24

